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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

Applicant: David M. Pepper, et al. )  
)  
Group Art No.: 2878 )  
)  
Application No: 09/808,472 ✓ )  
)  
Filed: March 14, 2001 ✓ )  
)  
For: "Coherent Detecting Receiver Using ..." )  
)

Examiner: C. Glass

Re: Amendment

Our Ref: 617493-8/RPB B-3807

Date: October 7, 2002

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

This paper is filed in response to the official action dated July 5, 2002. Please amend this application as follows:

**In the Specification:**

Please amend the third whole paragraph on page 2 of the specification to read as follows:

--The prior art includes U. S. Patent No. 5,900,935 to Klein et al., which discloses a homodyne interferometer. In this prior art system, an optical beam is directed via two paths to a holographic element. One of the paths includes a sample, off which the optical beam is reflected. The optical lengths of the two paths must be kept less than the coherence length of the laser used to illuminate the sample. This restriction imposes strict limitations on the distance from the testing apparatus to the sample.--

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